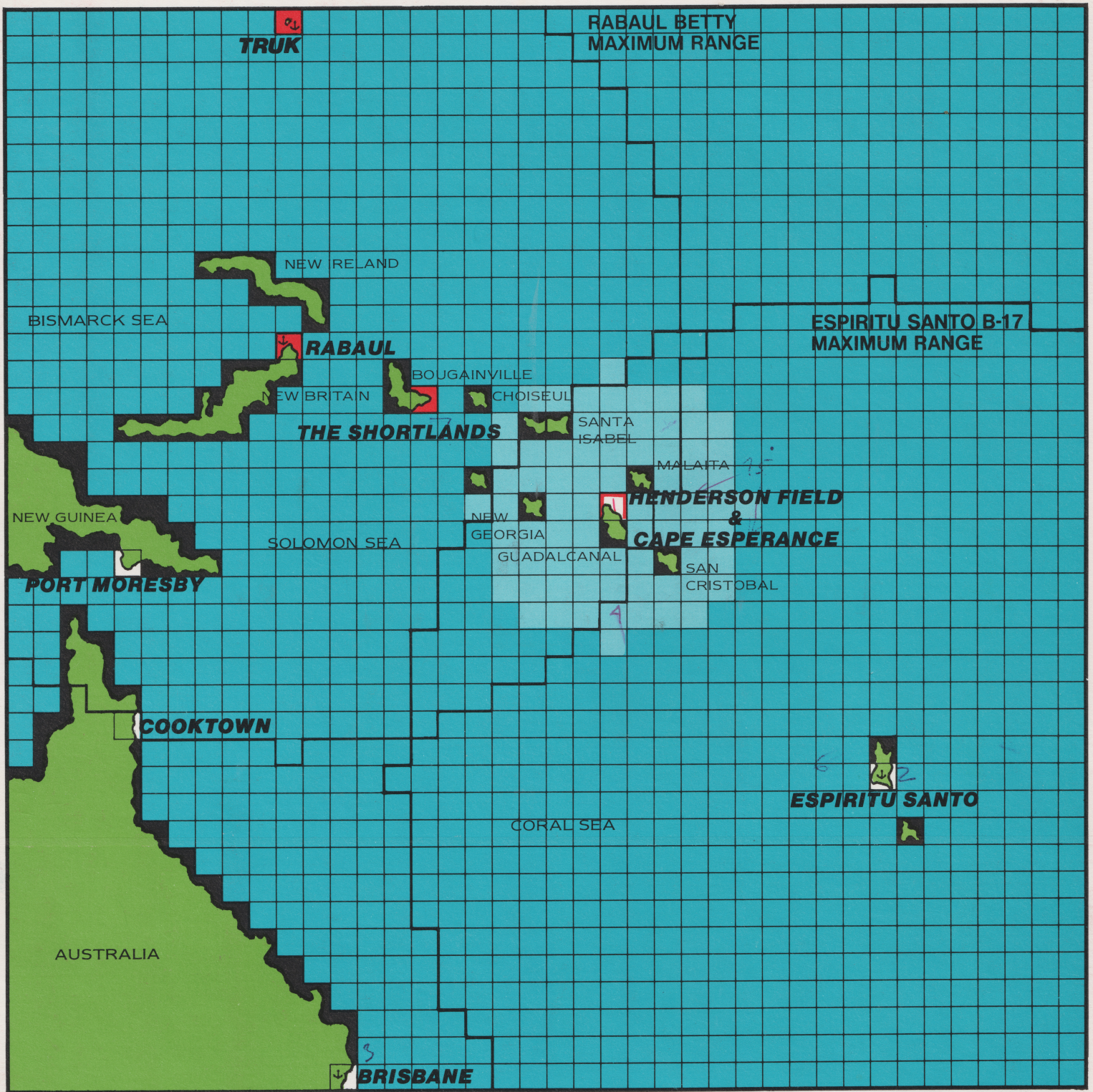
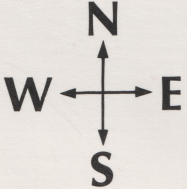
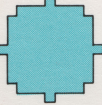




KEY

 Land  Ocean  American Airbase  Japanese Airbase  Port (as well as airbase)		 Henderson Field Max. Bombing Range for SBD, TBD and F4F  Henderson Field — Infantry, Supply Points, and Aircraft (100 plane capacity)  Cape Esperance — Japanese Infantry and Supply Points only
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TF MISSIONS

ENDURANCE

ATTACK RANGES

SEARCH RANGES

C — Combat Patrol	60	FORTRESS	18	FLOAT PLANES	20
B — Bombardment	60	BETTY	15	FORTRESS	20
T — Transport	60	ZEKE	15	BETTY	20
U — Submarine	80	NELL	15	NELL	20
FC — Fast Combat Patrol	6	VAL	6	VAL	12
FB — Fast Bombardment	6	KATE	6	KATE	12
FT — Fast Transport	6	WILDCAT	5	DAUNTLESS	10
R — Return		DAUNTLESS	5	AVENGER	10
FR — Fast Return		AVENGER	5	DEVASTATOR	6
		DEVASTATOR	3		

DAMAGE CAUSED BY HIT

AA (Secondary) Gun	½
CL Main Gun	1
CA Main Gun	2
BOMB	3
21"Torpedo	5
Other Japanese BB Main Guns	6
MUTSU Main Gun	7
US BB Main Gun	8
24"Torpedo	9
YAMATO Main Gun	9

RELATIVE ACCURACY

FORTRESS	1 (Bomb)
AVENGER	2 (Torpedo)
DEVASTATOR	2 (Torpedo)
NELL	2 (Torpedo)
BETTY	4 (Torpedo)
KATE	8 (Torpedo)
DAUNTLESS	12 (Bomb)
VAL	16 (Bomb)

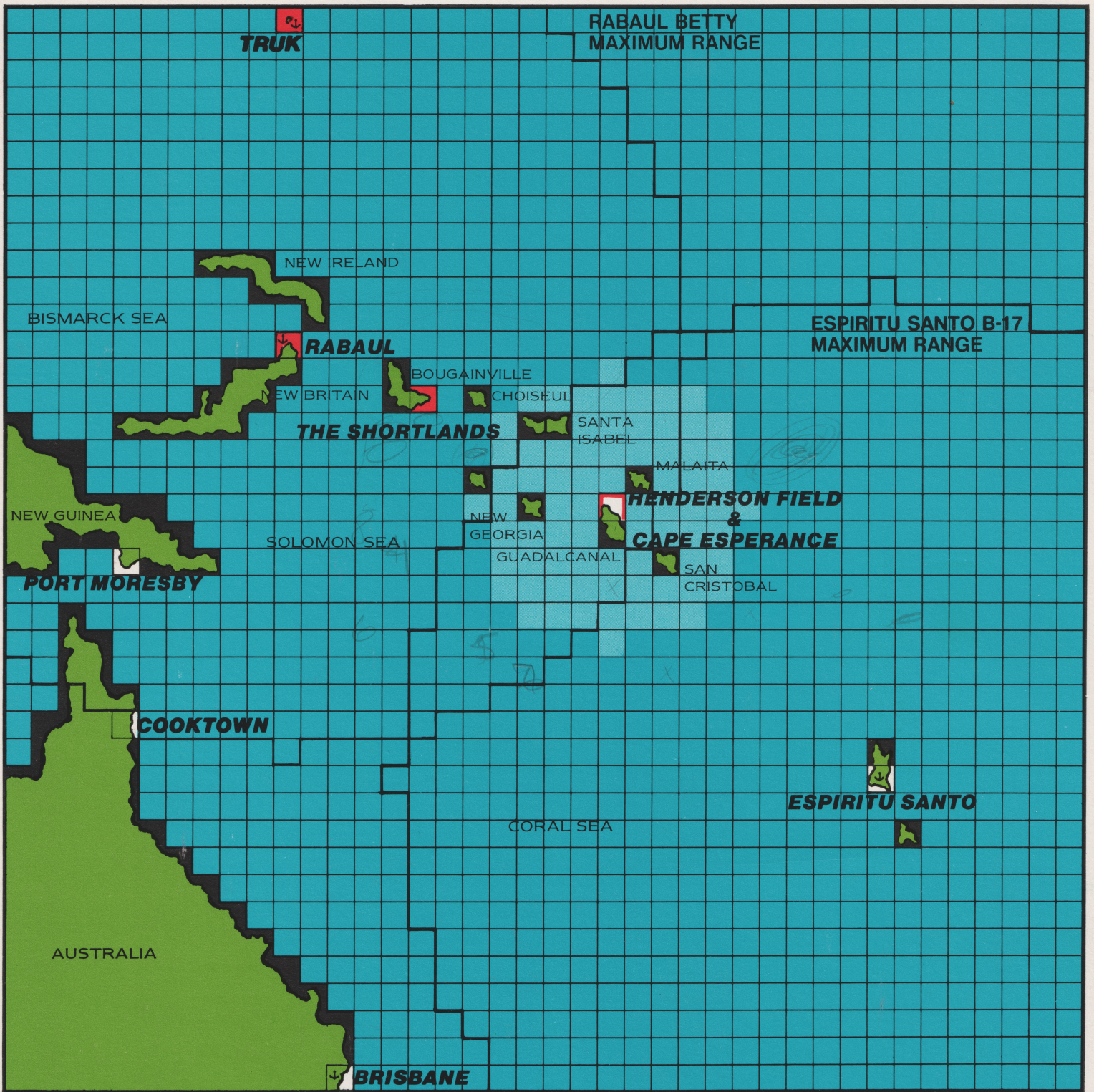
SEARCH SUCCESS FREQUENCY

AIRCRAFT

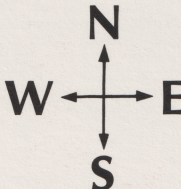
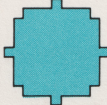
DISTANCE

	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1	98	60	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	98	80	60	40	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	98	86	73	60	46	33	20	6	0	0	0	0	0	0	0	0	0	0	0	0	0
4	98	89	80	69	60	50	40	30	20	10	0	0	0	0	0	0	0	0	0	0	0
5	98	91	84	76	67	60	52	43	35	28	20	10	3	0	0	0	0	0	0	0	0
6	98	93	86	80	73	66	60	53	46	40	33	26	20	13	6	0	0	0	0	0	0
7	98	94	88	82	77	71	65	60	54	48	42	37	31	25	20	14	8	2	0	0	0
8	98	94	89	85	80	75	69	64	60	55	50	44	40	34	30	25	20	15	10	5	0
9	98	95	91	86	82	77	73	68	64	60	55	51	46	43	37	33	28	24	30	15	11
10	98	95	91	87	84	80	76	71	67	63	60	56	52	47	43	40	35	31	28	23	20
11	98	96	92	89	85	81	78	74	70	67	63	60	56	52	49	45	41	38	34	30	27
12	98	96	93	89	86	83	80	76	73	69	66	63	60	56	53	50	46	43	40	36	33
13	98	96	93	90	87	84	81	78	75	72	69	66	63	60	56	53	50	47	44	41	38
14	98	97	94	91	88	85	82	80	77	74	71	68	65	62	60	57	54	51	48	45	42
15	98	97	94	91	89	86	84	81	78	76	73	70	67	65	62	60	57	54	52	49	46
16	98	97	94	92	89	87	85	82	80	77	75	72	69	67	64	62	60	57	55	52	50
17	98	97	95	92	90	88	85	83	81	78	76	74	71	69	67	64	62	60	57	55	52
18	98	97	95	93	91	88	86	84	82	80	77	75	73	71	68	66	64	62	60	57	55
19	98	97	95	93	91	89	87	85	83	81	78	76	74	72	70	68	66	62	62	60	57
20	98	97	95	93	91	89	87	86	84	82	80	78	76	73	71	69	67	65	63	62	60
21	98	98	96	94	92	90	88	86	84	82	80	79	77	75	73	71	69	67	65	63	61
22	98	98	96	94	92	90	89	87	85	83	81	80	78	76	74	72	70	69	66	65	63
23	98	98	96	94	93	91	89	87	86	84	82	80	79	77	75	73	72	70	68	66	65
24	98	98	96	94	93	91	89	88	86	85	83	81	80	78	76	75	73	71	69	68	66
25	98	98	96	95	93	91	90	88	87	85	84	82	80	79	77	76	74	72	71	69	67
26	98	98	96	95	93	92	90	89	87	86	84	83	81	80	78	76	75	73	72	70	69
27	98	98	97	95	94	92	91	89	88	86	85	83	82	80	79	77	76	74	73	71	70
28	98	98	97	95	94	92	91	89	88	87	85	84	82	81	80	78	77	75	74	72	71
29	98	98	97	95	94	93	91	90	88	87	86	84	83	82	80	79	77	76	75	73	72
30	98	98	97	95	94	93	91	90	89	87	86	85	84	82	81	80	78	77	76	74	73
31	98	98	97	96	94	93	92	90	89	88	87	85	84	83	81	80	79	78	76	75	74
32	98	98	97	96	94	93	92	91	89	88	87	86	85	83	82	81	80	79	78	76	75
33	98	98	97	96	95	93	92	91	90	89	87	86	85	84	83	81	80	79	78	76	75
34	98	98	97	96	95	94	92	91	90	89	88	87	85	84	83	82	81	80	78	78	76
35	98	98	97	96	95	94	93	91	90	89	88	87	86	85	84	82	81	80	79	78	77
36	98	98	97	96	95	94	93	92	91	89	88	87	86	85	84	83	82	81	80	78	77

Cross reference number of aircraft searching with the distance to an enemy surface task force to determine the probability of spotting the enemy task force (in clear weather). The probability of spotting subs is considerably smaller than that of sighting the enemy surface task forces.



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	Land
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	American Airbase
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	Henderson Field — Infantry, Supply Points, and Aircraft (100 plane capacity)
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B — Bombardment	60
T — Transport	60
U — Submarine	80
FC — Fast Combat Patrol	6
FB — Fast Bombardment	6
FT — Fast Transport	6
R — Return	
FR — Fast Return	

ENDURANCE

ATTACK RANGES

FORTRESS	18
BETTY	15
ZEKE	15
NELL	15
VAL	6
KATE	6
WILDCAT	5
DAUNTLESS	5
AVENGER	5
DEVASTATOR	3

SEARCH RANGES

FLOAT PLANES	20
FORTRESS	20
BETTY	20
NELL	20
VAL	12
KATE	12
DAUNTLESS	10
AVENGER	10
DEVASTATOR	6

DAMAGE CAUSED BY HIT

AA (Secondary) Gun	½
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SEARCH SUCCESS FREQUENCY

AIRCRAFT

DISTANCE

	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1	98	60	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	98	80	60	40	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	98	86	73	60	46	33	20	6	0	0	0	0	0	0	0	0	0	0	0	0	0
4	98	89	80	69	60	50	40	30	20	10	0	0	0	0	0	0	0	0	0	0	0
5	98	91	84	76	67	60	52	43	35	28	20	10	3	0	0	0	0	0	0	0	0
6	98	93	86	80	73	66	60	53	46	40	33	26	20	13	6	0	0	0	0	0	0
7	98	94	88	82	77	71	65	60	54	48	42	37	31	25	20	14	8	2	0	0	0
8	98	94	89	85	80	75	69	64	60	55	50	44	40	34	30	25	20	15	10	5	0
9	98	95	91	86	82	77	73	68	64	60	55	51	46	43	37	33	28	24	30	15	11
10	98	95	91	87	84	80	76	71	67	63	60	56	52	47	43	40	35	31	28	23	20
11	98	96	92	89	85	81	78	74	70	67	63	60	56	52	49	45	41	38	34	30	27
12	98	96	93	89	86	83	80	76	73	69	66	63	60	56	53	50	46	43	40	36	33
13	98	96	93	90	87	84	81	78	75	72	69	66	63	60	56	53	50	47	44	41	38
14	98	97	94	91	88	85	82	80	77	74	71	68	65	62	60	57	54	51	48	45	42
15	98	97	94	91	89	86	84	81	78	76	73	70	67	65	62	60	57	54	52	49	46
16	98	97	94	92	89	87	85	82	80	77	75	72	69	67	64	62	60	57	55	52	50
17	98	97	95	92	90	88	85	83	81	78	76	74	71	69	67	64	62	60	57	55	52
18	98	97	95	93	91	88	86	84	82	80	77	75	73	71	68	66	64	62	60	57	55
19	98	97	95	93	91	89	87	85	83	81	78	76	74	72	70	68	66	62	62	60	57
20	98	97	95	93	91	89	87	86	84	82	80	78	76	73	71	69	67	65	63	62	60
21	98	98	96	94	92	90	88	86	84	82	80	79	77	75	73	71	69	67	65	63	61
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30	98	98	97	95	94	93	91	90	89	87	86	85	84	82	81	80	78	77	76	74	73
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32	98	98	97	96	94	93	92	91	89	88	87	86	85	83	82	81	80	79	78	76	75
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34	98	98	97	96	95	94	92	91	90	89	88	87	85	84	83	82	81	80	78	78	76
35	98	98	97	96	95	94	93	91	90	89	88	87	86	85	84	82	81	80	79	78	77
36	98	98	97	96	95	94	93	92	91	89	88	87	86	85	84	83	82	81	80	78	77

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